

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	1814	436/180.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/20 10:43
L12	86	L11 and (dielectrophore\$3 or ((cell or particle or bead) adj sort\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/20 10:44
S1	2	("6432630"   "6685812"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/03 12:22
S2	1	"6524456".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/03 12:22
S3	1	"7118711".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/03 12:49
S4	9	("20020058332"   "5120511"   "5304487"   "5441597"   "5534328"   "5585011"   "5690763"   "5962081"   "6117396"). PN. OR ("7118711").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/03 12:49
S5	0	"08700395"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/03 12:53
S6	142	(fiedler-stefan, voigt- andreas, schnelle-thomas, fuhr-guenter, mueller- torsten, hagedorn-rolf, hornung-jan, glasser- hennig, wagner-bernd).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/03 12:58
S7	0	(parce-john and kopf-sill- anne and bousse-luc).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/03 13:03
S8	26	(parce-john, kopf-sill-anne, bousse-luc).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/03 13:03
S9	2	"20040040848"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/03 13:14
S10	1	"6749736".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/03 13:29
S11	46	(ostergaard-steen, blankenstein-gert).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/03 13:34
S12	0	"2002088712".PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/03 13:37
S13	1	"20020088712".PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/03 13:37
S21	906	optical adj tweezer	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 14:16
S22	12	(optical adj tweezer) with ((hold\$3 or immobiliz\$3) adj (cell or particle))	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 14:17

S23	84	(optical adj tweezer) with ((hold\$3 or immobiliz\$3 or trap\$4) adj (cell or particle))	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 14:37
S24	28	S23 not microfluidic	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 14:38
S25	56	S23 not S24	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 14:38
S26	32	S25 and @ad< "20030509"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 14:39
S27	1	"6159749".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/03 14:52
S28	27	evotec-technologies-\$ as.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 15:06
S29	4	("20020088712"   "20020181837"   "6432630"   "6685812"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 15:40
S30	0	WO-02/38262-.did.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 15:47
S31	0	WO-02/38262-.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/23 15:47
S32	0	WO02/38262-.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/23 15:48
S33	0	WO0238262-.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/23 15:48
S34	0	WO200238262-.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/23 15:48
S35	893	(particle or cell or bead) with (suspend\$3 or immobiliz\$3) with (channel or microchannel or conduit)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 16:01

S36	2897	(particle or cell or bead) with (suspend\$3 or immobiliz\$3 or hold\$3) with (channel or microchannel or conduit)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 16:04
S37	166566	(potential or voltage) near2 (minimum or line)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 16:06
S38	303	S36 and S37	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 16:06
S40	6274	(particle or cell or bead) with (suspend\$3 or immobiliz\$3 or hold\$3) with (channel or microchannel or conduit)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 16:07
S41	195060	(potential or voltage) near2 (minimum or minima or line)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 16:07
S42	401	S40 and S41	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 16:07
S43	202	S42 and @ad<"20030509"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 16:07
S44	93	S43 not semiconductor.ti.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 16:10
S45	181	S42 not (semiconductor or capacitor).ti.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 16:14
S46	91	S45 not S44	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 16:15
S47	17967	(particle or cell or bead) with (suspend\$3 or immobiliz\$3 or hold\$3 or position\$3 or held) with (channel or microchannel or conduit)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 17:05
S48	162894	((dielectric\$2 with cage) or (curv\$3 with field with barrier) or (park with electrode) or electrode) with (particle or cell or bead)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 17:11
S49	3340	S47 and S48	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/23 17:11
S50	2782	S49 not (semiconductor or capacitor).ti.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 17:12
S51	2639	S49 not ((semiconductor or capacitor).ti. or (semiconductor or capacitor).ab.)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 17:13
S52	1	"7300793".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 08:04
S53	653	(dielectrophore\$3 with cell)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 09:05

S54	214	(dielectrophore\$3 with cell) same (channel or microchannel or conduit)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 09:05
S55	89	S54 and @ad<"20030509"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 09:06
S56	1	"6592821".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 10:07
S58	1	S56 and (dielectrophore\$7 or optic\$6 or magnet\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 10:19
S59	1	"6071394".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 11:06
S60	1	"6790330".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 11:16
S61	0	lock-gary-michael.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 11:18
S62	1	lock-gary-\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 11:19
S63	13	lock-michael-\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 11:19
S64	1	"20030159932"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 11:23
S70	1375	(cell) with (suspension or suspend\$3) with (magnetic \$5)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 12:50
S71	1669	(cell) with (suspension or suspend\$3) with (optic\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 12:50
S72	2999	(cell) with (suspension or suspend\$3) with (magnetic \$5 or optic\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 12:50
S73	13174	(cell) with (suspension or suspend\$3 or immobiliz\$3 or hold\$3 or position\$3 or held) with (magnetic\$5 or optic\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 12:51
S74	30489	(particle or cell or bead) with (suspension or suspend\$3 or immobiliz\$3 or hold\$3 or position\$3 or held) with (magnetic\$5 or optic\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 12:51
S76	0	(cell) with (suspension or suspend\$3) with (magnetic \$5) with (channel or microchannel or conduit) with (wash\$3 or rins\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 12:53
S77	18	(cell) with (suspension or suspend\$3) with (magnetic \$5) with (channel or microchannel or conduit)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 12:54

S78	14	(bead) with (suspension or suspend\$3) with (magnetic \$5) with (channel or microchannel or conduit)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 13:04
S79	98	(particle) with (suspension or suspend\$3) with (magnetic\$5) with (channel or microchannel or conduit)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 13:12
S80	13	(optical adj tweezer) with ((hold\$3 or immobiliz\$3 or suspend\$3) adj (cell or particle or bead))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 13:58
S81	27	evotec-technologies-\$ .as.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 14:27
S82	0	S81 and cytocon	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/24 14:27
S83	2	(stop flow kinetics cell)	US-PGPUB; USPAT; USOCR	WITH	ON	2009/04/24 14:59
S84	1	"20030159932"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 10:16
S85	25	(US-20040040848-\$ or US-20030108452-\$ or US-20020088712-\$ or US-20020181837-\$ or US-20070020767-\$ or US-20060240964-\$ or US-20060289341-\$ or US-20060024802-\$ or US-20020121443-\$ or US-20030022393-\$ or US-20030159932-\$).did. or (US-7118711-\$ or US-5948328-\$ or US-6429025-\$ or US-7070684-\$ or US-6991906-\$ or US-6749736-\$ or US-6432630-\$ or US-7300793-\$ or US-6824664-\$ or US-6592821-\$ or US-6071394-\$ or US-6790330-\$ or US-5993740-\$ or US-7276207-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/04/27 15:07
S86	21	S85 and (voltage or potential)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:07
S87	7	S85 and ((voltage or potential) with (minimum or minima or line))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/27 15:08

S88	25	(US-20040040848-\$ or US-20030108452-\$ or US-20020088712-\$ or US-20020181837-\$ or US-20070020767-\$ or US-20060240964-\$ or US-20060289341-\$ or US-20060024802-\$ or US-20020121443-\$ or US-20030022393-\$ or US-20030159932-\$).did. or (US-7118711-\$ or US-5948328-\$ or US-6429025-\$ or US-7070684-\$ or US-6991906-\$ or US-6749736-\$ or US-6432630-\$ or US-7300793-\$ or US-6824664-\$ or US-6592821-\$ or US-6071394-\$ or US-6790330-\$ or US-5993740-\$ or US-7276207-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/04/28 09:35
S89	2	S88 and (potential adj (minimum or minima))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 09:36
S90	2	(field adj barrier) same (potential adj (minimum or minima))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 09:41
S91	0	(field adj barrier) same (potential adj (minimum or minima))	FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/28 09:41
S92	0	(field adj barrier) same (potential adj (minimum or minima))	FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/28 09:42
S93	2	(field adj barrier) same (potential adj (minimum or minima))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 09:42
S94	1	hexode same (potential adj (minimum or minima))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 09:43
S95	24	(field adj barrier) same narrow	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 09:44
S96	4	((field adj barrier) same narrow) and dielectrophore \$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 09:44
S97	15	("20020175079"   "3197394"   "3674198"   "4326934"   "4726904"   "4764473"   "4804355"   "4941969"   "5489506"   "5565105"   "5593565"   "5814200"   "5858192"   "5888370").PN. OR ("7070684").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 09:53
S98	0	S97 and (field adj barrier) same narrow	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 10:10

S99	0	S97 and (potential adj (minimum or minima))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 10:10
S100	25	holding same (potential adj (minimum or minima))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 10:11
S101	3	(gunther-ralf, gradl-gabriele).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 10:47
S102	21	(gunther-rolf, gradl-gabriele).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 10:49
S103	3	S102 and ((field adj barrier) or (potential adj (minim\$2)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 10:50
S104	2	S103 and hold\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 10:56
S105	9	("4578167"   "4894343"   "4970154"   "6056861").PN. OR ("6492175").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 11:04
S106	1	S105 and ((field adj barrier) or (potential adj (minim\$2)))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:06
S107	2897	(particle or cell or bead) with (suspend\$3 or immobiliz\$3 or hold\$3) with (channel or microchannel or conduit)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 11:15
S108	166662	(potential or voltage) near2 (minimum or line)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 11:15
S109	303	S107 and S108	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 11:15
S110	155	S109 and @ad<"20030509"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 11:15
S111	2044	dielectrophore\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 11:18
S112	439561	(potential or voltage) with (minim\$2 or line)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:19
S113	483	S111 and S112	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:19
S114	210	S113 and @ad<"20030509"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 11:20
S115	6275	(particle or cell or bead) with (suspend\$3 or immobiliz\$3 or hold\$3) with (channel or microchannel or conduit)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:21
S116	9	S115 and S114	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 11:21
S117	126	S114 and (particle or cell or bead) with (suspend\$3 or immobiliz\$3 or hold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:22
S118	107050	(potential or voltage) with minim\$2	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:26

S119	176	S111 and S118	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:26
S120	80	S119 and @ad< "20030509"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 11:26
S121	1	S115 and S120	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 11:26
S122	97	hexode with electrode	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:36
S123	21	S122 and @ad< "20030509"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 11:36
S124	0	dielectrical field cage six electrode	US-PGPUB; USPAT; USOCR	SAME	ON	2009/04/28 12:39
S125	1	dielectrical field cage eight electrode	US-PGPUB; USPAT; USOCR	SAME	ON	2009/04/28 12:39
S126	1	dielectrical field cage hexode	US-PGPUB; USPAT; USOCR	SAME	ON	2009/04/28 12:40
S127	25	(US-20040040848-\$ or US- 20030108452-\$ or US- 20020088712-\$ or US- 20020181837-\$ or US- 20070020767-\$ or US- 20060240964-\$ or US- 20060289341-\$ or US- 20060024802-\$ or US- 20020121443-\$ or US- 20030022393-\$ or US- 20030159932-\$).did. or (US-7118711-\$ or US- 5948328-\$ or US-6429025- \$ or US-7070684-\$ or US- 6991906-\$ or US-6749736- \$ or US-6432630-\$ or US- 7300793-\$ or US-6824664- \$ or US-6592821-\$ or US- 6071394-\$ or US-6790330- \$ or US-5993740-\$ or US- 7276207-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/04/28 14:08
S128	22	S127 and (reference or standard)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 14:09
S129	143	dielectrophore\$3 same ((cell or particle or bead) with (reference or standard))	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 14:23
S130	47	dielectrophore\$3 same ((cell or particle or bead) with (reference or standard)) same (measure \$4 or determin\$5 or quanti \$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 14:24



S131	14	dielectrophore\$3 same ((cell or particle or bead) with (reference or standard)) same (measure \$4 or determin\$5 or quanti \$4) same (cage or hold\$3 or trap\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 14:27
S132	1697	(cell with sort\$3) with (standard or reference)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 14:37
S133	31494	flow with cytometry	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 14:38
S134	805	S132 and S133	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 14:38
S135	24	S134 and dielectrophore\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 14:38
S136	4	("20020088712"   "20020181837"   "6432630"   "6685812"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/28 14:44
S137	2	S136 and (standard or reference)	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 14:44
S138	25	wada-h-garrett.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/18 11:11
S139	71	("4390403"   "4793705"   "4844610"   "4908112"   "5126022"   "5498392"   "5571410"   "5585069"   "5587128"   "5593838"   "5603351"   "5608519"   "5635358"   "5637469"   "5699157"   "5739902"   "5750015"   "5779868"   "5800690"   "5842787"   "5852495"   "5858187"   "5869004"   "5876675"   "5879625"   "5880071"   "5882465"   "5885470"   "5942443"   "5948227"   "5955028"   "5957579"   "5958203"   "5958694"   "5959291"   "5964995"   "5965001"   "5965410"   "5972187"   "5972622"   "5972710"   "5976336"   "5989402"   "6001231"   "6004515"   "6011252"   "6012902"   "6042710"   "6046056"   "6049380"   "6068752"   "6071478"   "6074725"   "6080295"   "6120666"   "6150119"   "6267858"   "6607157"). PN. OR ("6506609").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/18 13:12

S140	2	S139 and dielectrophore\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/18 13:13
S141	44	("20020058332"   "20020176069"   "20030032204"   "20030047676"   "20030186426"   "20050061962"   "20050121604"   "20060152707"   "3649829"   "3960449"   "4325706"   "4409106"   "4424132"   "4660971"   "4667830"   "5007732"   "5100627"   "5180065"   "5194909"   "5229297"   "5483469"   "5620857"   "5674743"   "5800690"   "5837115"   "5849178"   "5879625"   "5966457"   "6053856"   "6071422"   "6368871"   "6432630"   "6451264"   "6506609"   "6524860"   "6637463"   "6727451"   "6815664"   "6833542"   "6838056"   "6944324"   "7029430"   "7241988"   "H001960"). PN. OR ("7402131").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/18 13:28
S142	9	S141 and dielectrophore\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/18 13:28
S143	1	"6071394".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/18 13:37
S144	25	(US-20040040848-\$ or US- 20030108452-\$ or US- 20020088712-\$ or US- 20020181837-\$ or US- 20070020767-\$ or US- 20060240964-\$ or US- 20060289341-\$ or US- 20060024802-\$ or US- 20020121443-\$ or US- 20030022393-\$ or US- 20030159932-\$).did. or (US-7118711-\$ or US- 5948328-\$ or US-6429025- \$ or US-7070684-\$ or US- 6991906-\$ or US-6749736- \$ or US-6432630-\$ or US- 7300793-\$ or US-6824664- \$ or US-6592821-\$ or US- 6071394-\$ or US-6790330- \$ or US-5993740-\$ or US- 7276207-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:33

S145	13	S144 and deflect\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/18 16:34
S146	4	S144 and (deflect\$3 with (high or frequency))	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/18 16:35
S147	8	S144 and (field with barrier)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/18 17:16
S148	25	(US-20040040848-\$ or US- 20030108452-\$ or US- 20020088712-\$ or US- 20020181837-\$ or US- 20070020767-\$ or US- 20060240964-\$ or US- 20060289341-\$ or US- 20060024802-\$ or US- 20020121443-\$ or US- 20030022393-\$ or US- 20030159932-\$).did. or (US-7118711-\$ or US- 5948328-\$ or US-6429025- \$ or US-7070684-\$ or US- 6991906-\$ or US-6749736- \$ or US-6432630-\$ or US- 7300793-\$ or US-6824664- \$ or US-6592821-\$ or US- 6071394-\$ or US-6790330- \$ or US-5993740-\$ or US- 7276207-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/05/19 08:39
S149	7	S148 and ((funnel or barrier) with channel)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 08:39
S150	25	(US-20040040848-\$ or US- 20030108452-\$ or US- 20020088712-\$ or US- 20020181837-\$ or US- 20070020767-\$ or US- 20060240964-\$ or US- 20060289341-\$ or US- 20060024802-\$ or US- 20020121443-\$ or US- 20030022393-\$ or US- 20030159932-\$).did. or (US-7118711-\$ or US- 5948328-\$ or US-6429025- \$ or US-7070684-\$ or US- 6991906-\$ or US-6749736- \$ or US-6432630-\$ or US- 7300793-\$ or US-6824664- \$ or US-6592821-\$ or US- 6071394-\$ or US-6790330- \$ or US-5993740-\$ or US- 7276207-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/05/19 11:47
S151	6	S150 and (field with barrier) with (hold\$3 or cag \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 11:47

S152	25	(US-20040040848-\$ or US-20030108452-\$ or US-20020088712-\$ or US-20020181837-\$ or US-20070020767-\$ or US-20060240964-\$ or US-20060289341-\$ or US-20060024802-\$ or US-20020121443-\$ or US-20030022393-\$ or US-20030159932-\$).did. or (US-7118711-\$ or US-5948328-\$ or US-6429025-\$ or US-7070684-\$ or US-6991906-\$ or US-6749736-\$ or US-6432630-\$ or US-7300793-\$ or US-6824664-\$ or US-6592821-\$ or US-6071394-\$ or US-6790330-\$ or US-5993740-\$ or US-7276207-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/05/19 13:43
S153	13	S152 and perpendicular\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 13:43
S154	2	S152 and (barrier with perpendicular\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 13:47
S155	3	S152 and ((cag\$3 or hold\$3) same perpendicular\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 14:54
S156	247	dielectrophore\$3 and ((barrier or field) with perpendicular\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 15:45
S157	256	dielectrophore\$3 and ((barrier or field) with linear\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 15:46
S158	53	S156 and S157	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 15:46
S159	26	S158 and @ad<"20030509"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 15:47
S160	26	S158 and @ad<"20030510"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 15:50
S161	45	S158 and @ad<"20060920"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 15:50
S162	5	dielectrophore\$3 and ((barrier or field) with (linear\$2 or perpendicular\$3) with (hold\$3 or cag\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 15:57
S163	1	"5993630".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 16:16

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